HEARING RESEARCH

Vol. 178, Nos. 1–2
April 2003

CONTENTS

Cited in: Biological Abstracts (BIOSIS); Chemical Abstracts; Current Contents/Life Sciences; Current Awareness in Biological Sciences (CABS); Excerpta Medica (EMBASE); Index Medicus; INSPEC; PASCAL M; Reference Update; Full text available in ScienceDirect® and Neuroscion

Research Papers

R.E. Millman, G.G.R. Green, C. Lorenzi and A. Rees (France, UK)
Effect of a noise modulation masker on the detection of second-order amplitude modulation 1

Y. Guo and R. Burkard (USA)
The masking level difference in chinchilla auditory cortex. Effects of inner hair cell loss 12

G. Koay, R.S. Heffner, K.S. Bitter and H.E. Heffner (USA)
Hearing in American leaf-nosed bats. II: *Carollia perspicillata* 27

C. Füllgrabe, B. Meyer and C. Lorenzi (France)
Effect of cochlear damage on the detection of complex temporal envelopes 35

J.O. Pickles (Australia)
Expression of Ephs and ephrins in developing mouse inner ear 44

M.-J. Lin, M.-C. Su, C.-T. Tan, C.-C. Su, S.-Y. Li, R.-H. Lin, S.-Y. Lin-Shiau, C.-C. Hung and S.-Y. Lee (Taiwan)
The effect of L-arginine on slow motility of mammalian outer hair cell 52

A.V. Kondrachuk (Ukraine)
Qualitative model of otolith–ocular asymmetry in vertical eccentric rotation experiments 59

A. Pourbakht and T. Yamasoba (Japan)
Cochlear damage caused by continuous and intermittent noise exposure 70

B. Avallone, M. Porritiello, D. Esposito, R. Mutone, G. Balsamo and F. Marmo (Italy)
Evidence for hair cell regeneration in the crista ampullaris of the lizard *Podarcis sicula* 79

M. Piscopo, G. Balsamo, R. Mutone, B. Avallone and F. Marmo (Italy)
Calbindin D28K is a component of the organic matrix of lizard *Podarcis sicula* otoconia 89

R. Glueckert, G. Wietzorrek, K. Kammen-Jolly, A. Scholtz, K. Stephan, J. Striessnig and A. Schrott-Fischer (Austria)
Role of class D L-type Ca^{2+} channels for cochlear morphology 95

R.H. Withnell, L.A. Shaffer and C.L. Talmadge (USA)
Generation of DPOAEs in the guinea pig 106

M.A. Howard, A. Rodenas-Ruano, M. Henkemeyer, G.K. Martin, B.L. Lonsbury-Martin and D.J. Liebl (USA)
Eph receptor deficiencies lead to altered cochlear function 118

Contents continued on inside back cover

neuroscion
a meeting of minds

To view articles from this journal, visit Neuroscion, the comprehensive neuroscience information service on the web.
Register today at **www.neuroscion.com**

0378-5955(200304)178:1/2;1-#

Available online at www.sciencedirect.com
SCIENCE DIRECT®

(Contents continued from back cover)

Author Index Volume 178 131

Subject Index Volume 178 133